

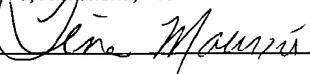


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicant(s): A. Califano et al.
Docket No.: YOR920000687US2
Serial No.: 09/841,580
Filing Date: April 24 2001
Group: 1631
Examiner: Lori A. Clow

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Signature:  Date: July 16, 2004

Title: Characterization of Phenotypes by Gene Expression Patterns and Classification of Samples Based Thereon

TRANSMITTAL LETTER

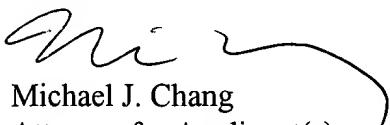
Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith is a Response to an Office Action relating to the above-identified patent application. There is no additional claim fee due in connection with the Response.

In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **IBM Corporation Deposit Account No. 50-0510** as required to correct the error. Duplicate copies of this letter are enclosed.

Respectfully submitted,



Michael J. Chang
Attorney for Applicant(s)
Reg. No. 46,611
Ryan, Mason & Lewis, LLP
1300 Post Road, Suite 205
Fairfield, CT 06824
(203) 255-6560

Dated: July 16, 2004



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AMENDMENT AND RESPONSE AFTER FINAL REJECTION

20 Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

25 In response to the outstanding final Office Action, dated May 18, 2004, Applicants submit the following amendments and remarks.